

| **1. Project Progress Summary** |
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| You will find various fields that you need to complete with the requested information. |

| Project Progress Summary | Requirements definition, conceptual design, most of the backend, and part of the frontend (views) have been completed. |
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| Objectives | Added a distinction between virtual (external) and in-person courses, showing an indicative map of the location.  Provided course information such as attendees or assistants of the instructor. |
| Methodology | No changes. |
| Evidence of Progress | Documentation (Mockup and UML design), progress and final reports, and the software itself, which corresponds to the website in an incomplete but functional state, along with data models and all technologies used (imports).  The programming was based on the MVC (Model, View, Controller) pattern to ensure quality, which allows for greater modularity, easier error detection/correction, and better project scalability. |
| **2. Work Plan Monitoring** |
| Carefully examine your work plan, focusing especially on the progress status and adjustments column |

| Plan de Trabajo | | | | | | | |
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| Competence or Competency Units | Activities | Resources | Activity length | Liable[[1]](#footnote-0) | Observations | Progress Status | Adjustments |
| Project Management | Requirements Definition | Microsoft Word, Google Docs, Jira | 1 Week | Jorge Palma | There may be difficulties in fully identifying all requirements due to changes in client needs | Completed | Added the possibility to create/participate in two types of courses: In-person and virtual |
| Data Model Construction | Concept  Design | Design tools (Figma, Balsamiq) | 1 Week | Luis Vera | Effective collaboration between designers and developers can facilitate the process | Completed | Adjusted the model to serve as a guide for new users |
| Software Solutions Development | Frontend Development | Visual Studio Code, Sublime Text, Chrome DevTools | 4 Weeks | Jorge Palma | Continuous integration and regular testing can help identify and resolve issues early | In progress | Adjusted the interface to meet market quality standards |
| Software Solutions Development | Backend Development | Development environment, Node.js, Express.js, MongoDB | 4 Weeks | Eduardo Fariña | Proper database management and API security are crucial for project success | In progress | None |
| Software Solutions Development | RESTful API Development | Integration tools, API documentation | 3 Weeks | Eduardo Fariña | Clear and detailed API documentation can facilitate integration and maintenance | In progress | None |
| Software Solutions Development | Frontend and Backend Integration | Testing tools, Integration environment, Selenium | 2 Weeks | Jorge Palma | Automated testing can speed up validation and reduce human errors | In progress | None |
| Q/A | Functional Testing | Selenium, Jira | 1 Week | Eduardo Fariña | Early feedback from tests can help identify and correct issues before deployment | Not started | None |
| Q/A | User Testing | Real users, Feedback forms | 2 Weeks | Eduardo Fariña | Active user participation in tests can provide valuable insights for platform improvement | Not started | None |
| Q/A, Desarrollo de soluciones de software,  Gestión de proyectos Informáticos | Production Deployment | Development environment, Deployment tools | 1 Week | Luis Vera | Careful planning and execution of deployment can minimize downtime and ensure a smooth transition | Not started | None |
| Communication in English,  Project Management in IT | Pl | Microsoft Word, Google Docs, API Documentation,  Production Server | 2 Weeks | Jorge Palma | Clear and accessible documentation can facilitate the use and maintenance of the platform | Not started | None |

| **3. Adjustments from Monitoring** |
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| Analyze the planned activities and indicate what aspects facilitated or hindered the execution of the plan.Explain how you addressed or will address the obstacles.Finally, indicate the adjustments made to the work plan based on this analysis |

| Factors that Facilitated or Hindered the development of My Work Plan:  During development, we realized that there were a series of design decisions that needed to be made and were not considered from the beginning, introducing uncertainty in the team about how to approach certain aspects (color palette, element borders, design patterns, programming practices, etc.). Although these aspects were considered by the team from the beginning, we should have formalized these agreements in extensive documentation detailing the how and why. |
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| Adjusted or Eliminated Activities:  Time has been the determining factor for measuring the feasibility of development, so the design of the front and back end has taken priority over other tasks. As a result, these tasks have been extended much more than we had anticipated, while tasks like testing have been reduced in effort as they can be fully automated. |
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| Activities Not Started or Delayed:  Regarding testing, we believe that using the MVC pattern allows these to be carried out in parallel between models, views, and controllers, so not having started them at the moment should not be a problem. |
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1. En caso de que el Proyecto APT sea grupal, en esta columna deben indicar el nombre de los responsables de cada tarea o actividad. Esto posteriormente permitirá diferenciar la evaluación por cada integrante. [↑](#footnote-ref-0)